

Fig. 1

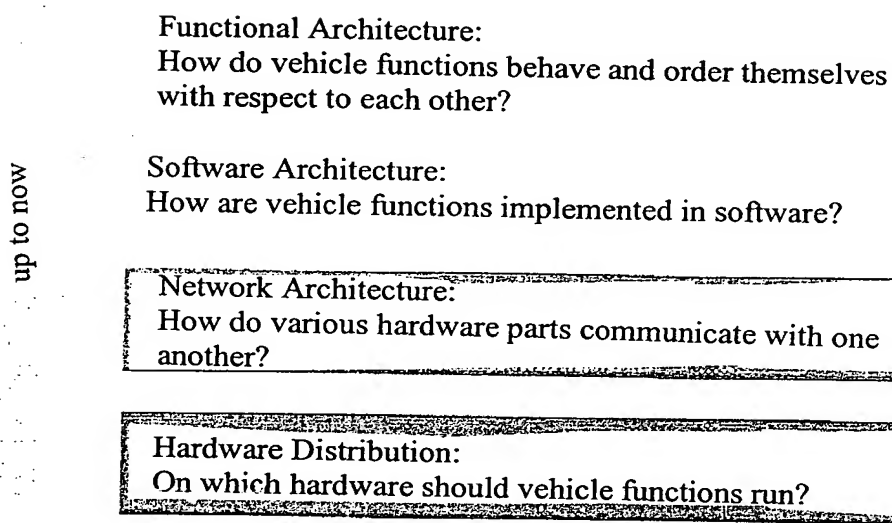


Fig. 2

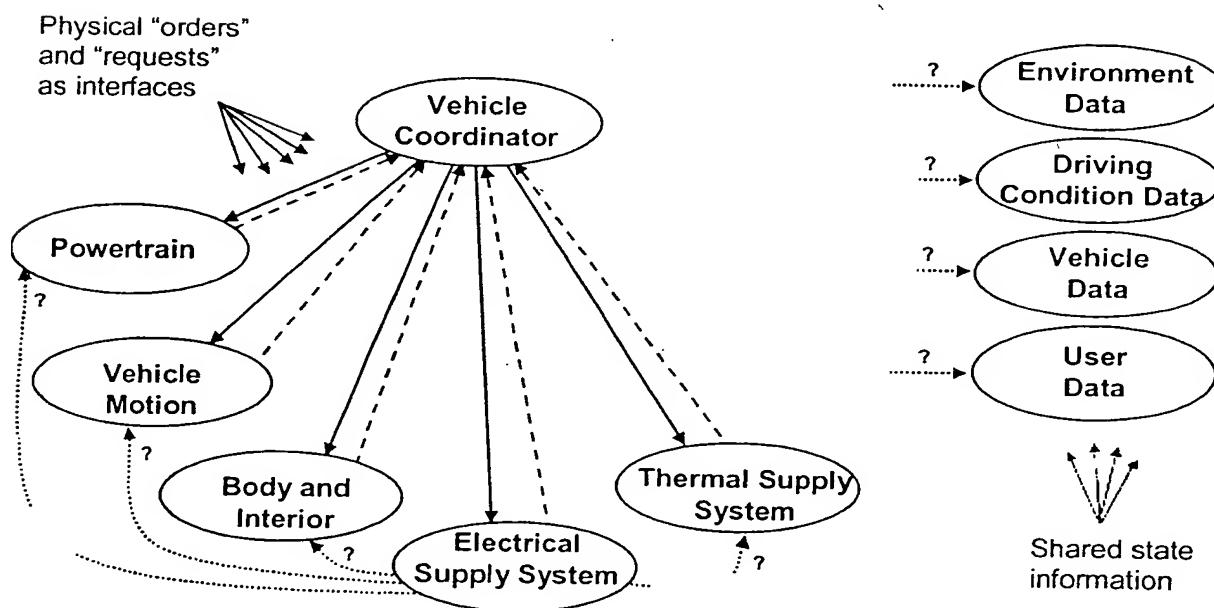


Fig. 3

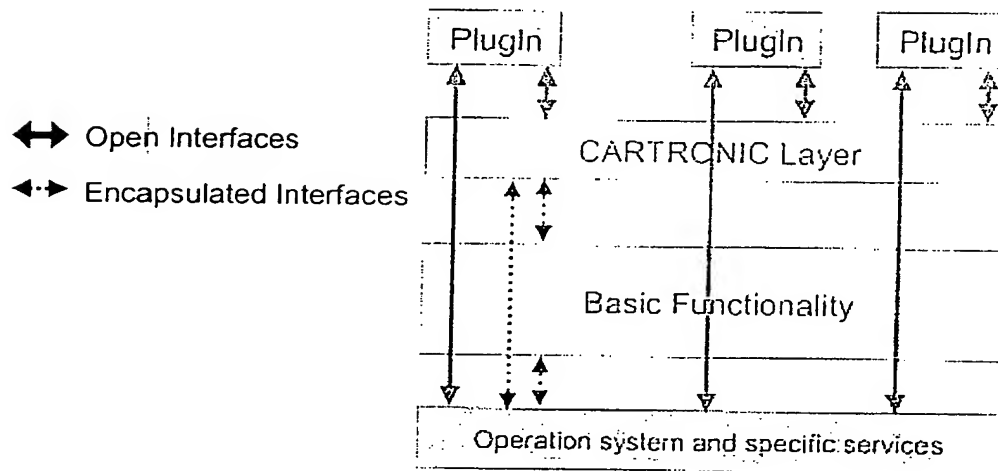


Fig. 4

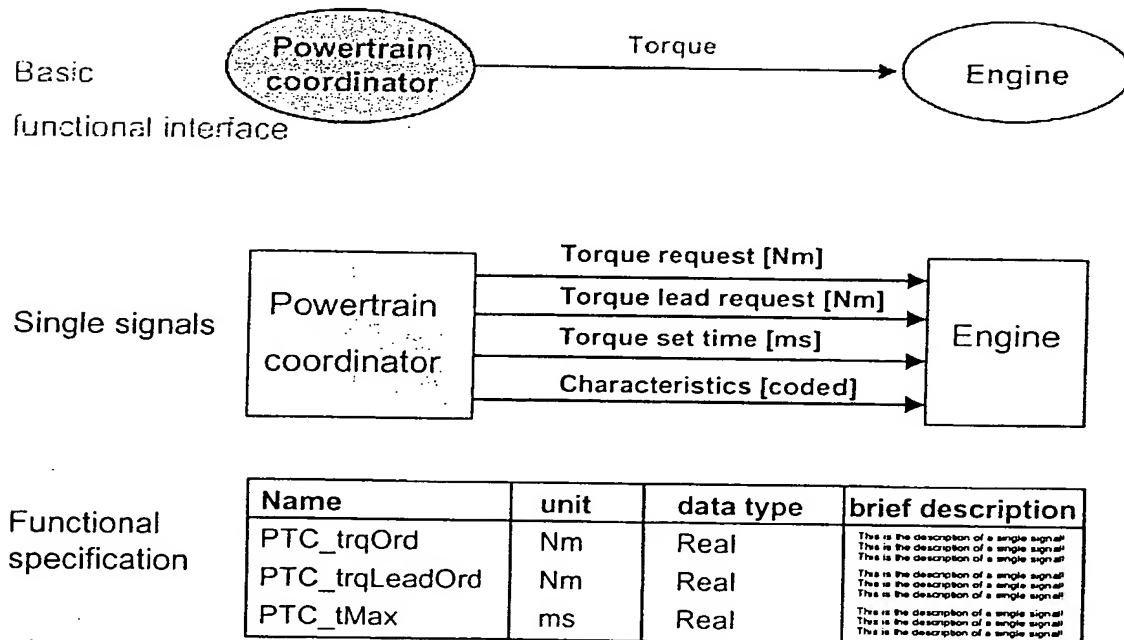


Fig. 5

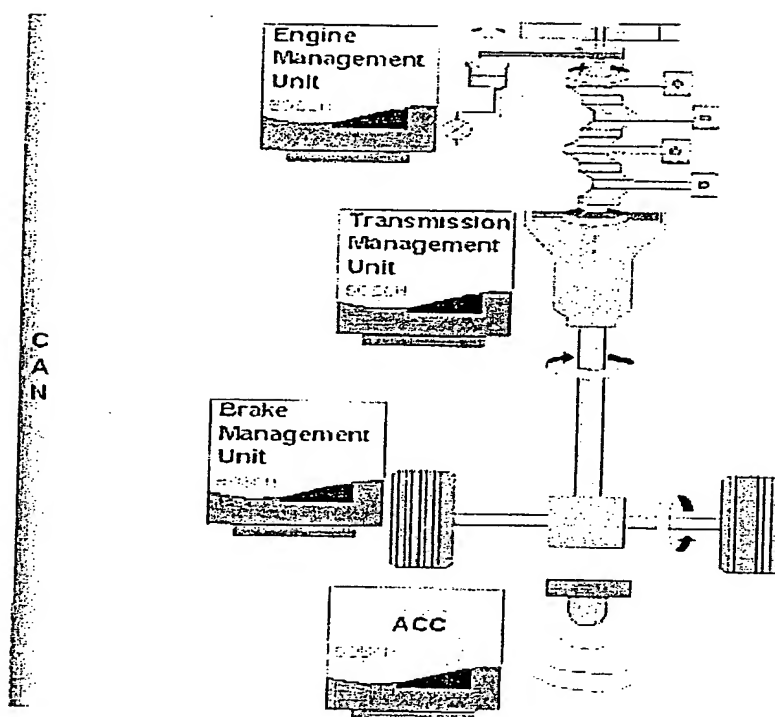


Fig. 6

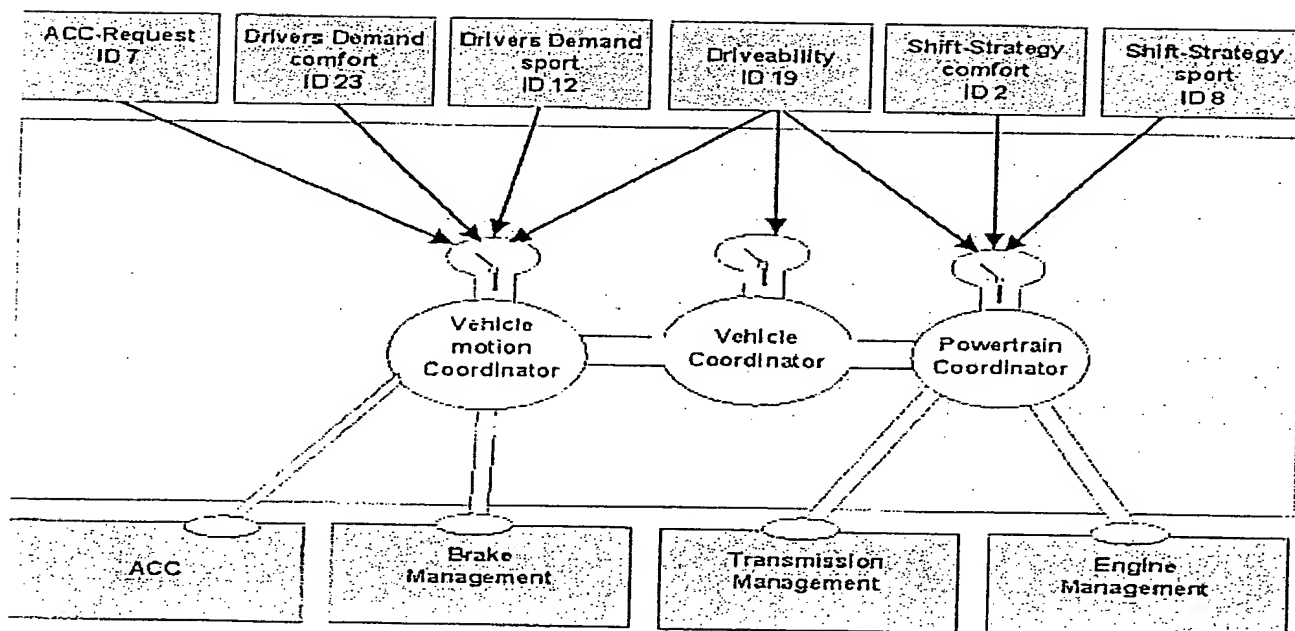


Fig. 7

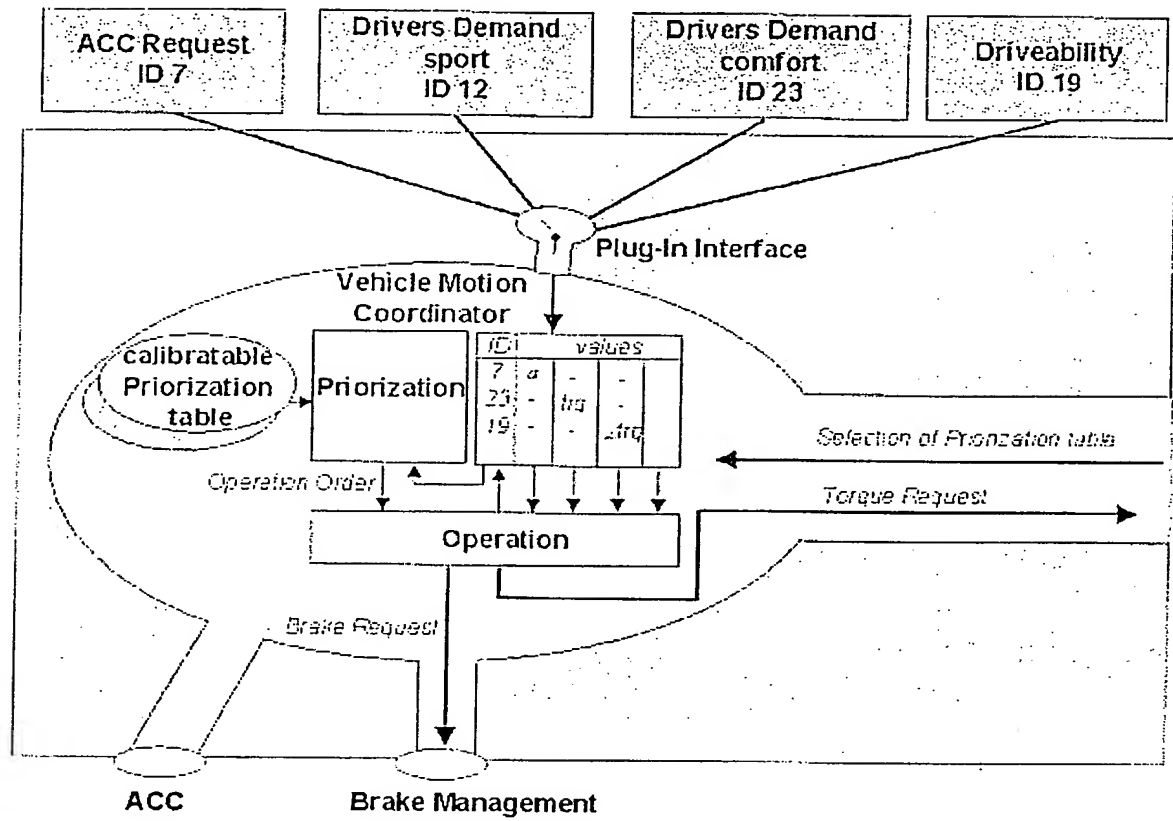


Fig. 8

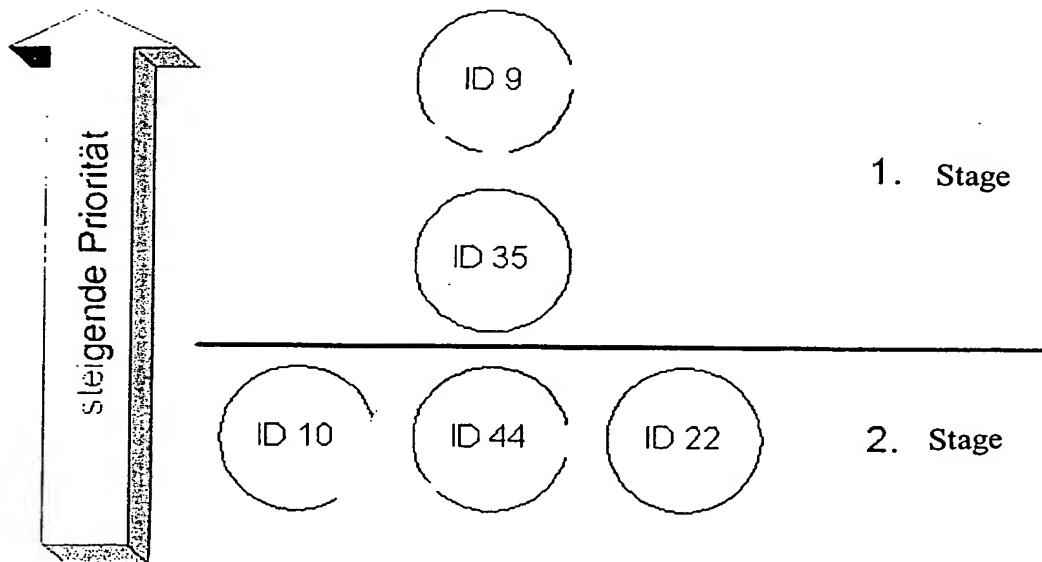


Fig. 9

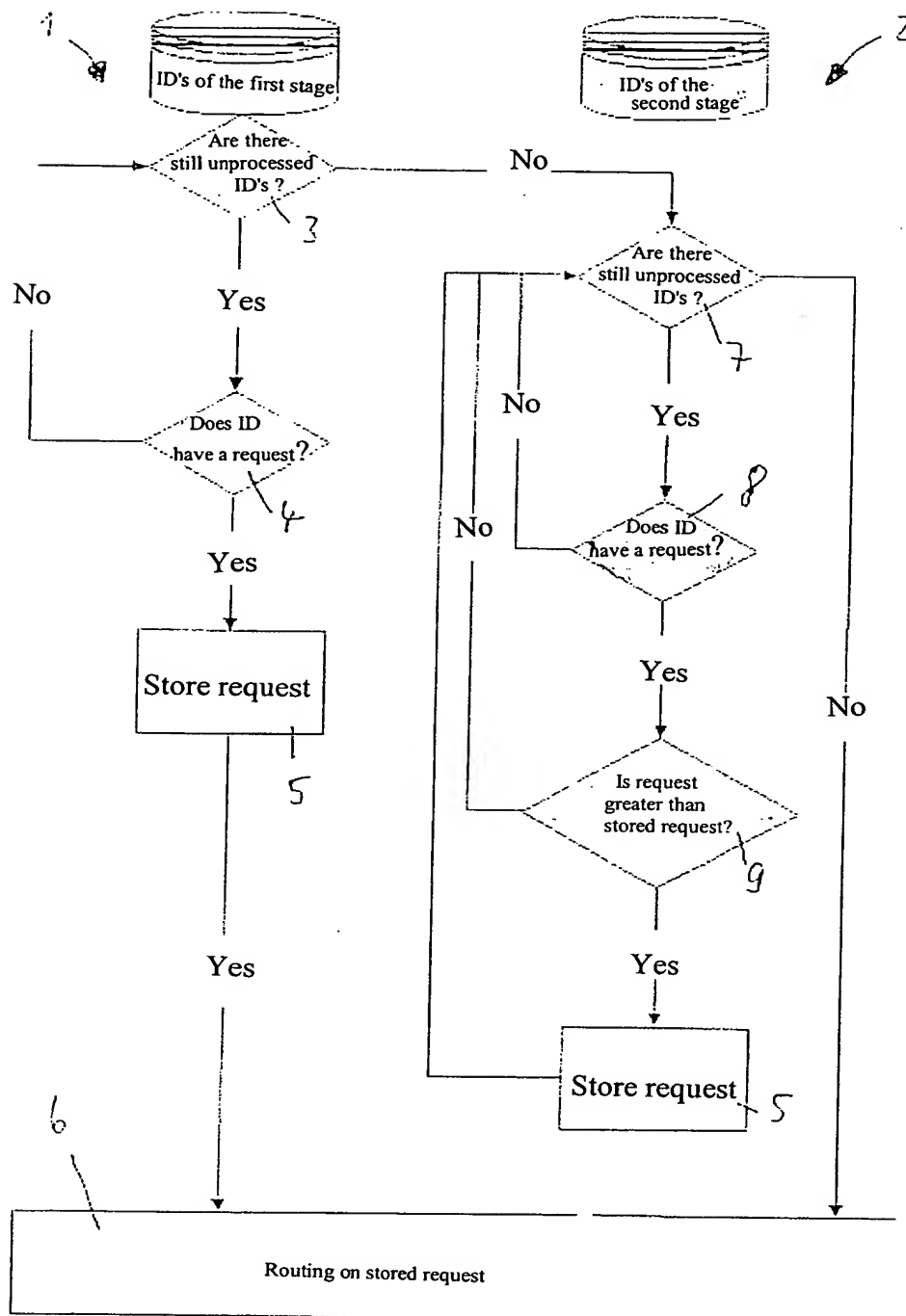


Fig. 10

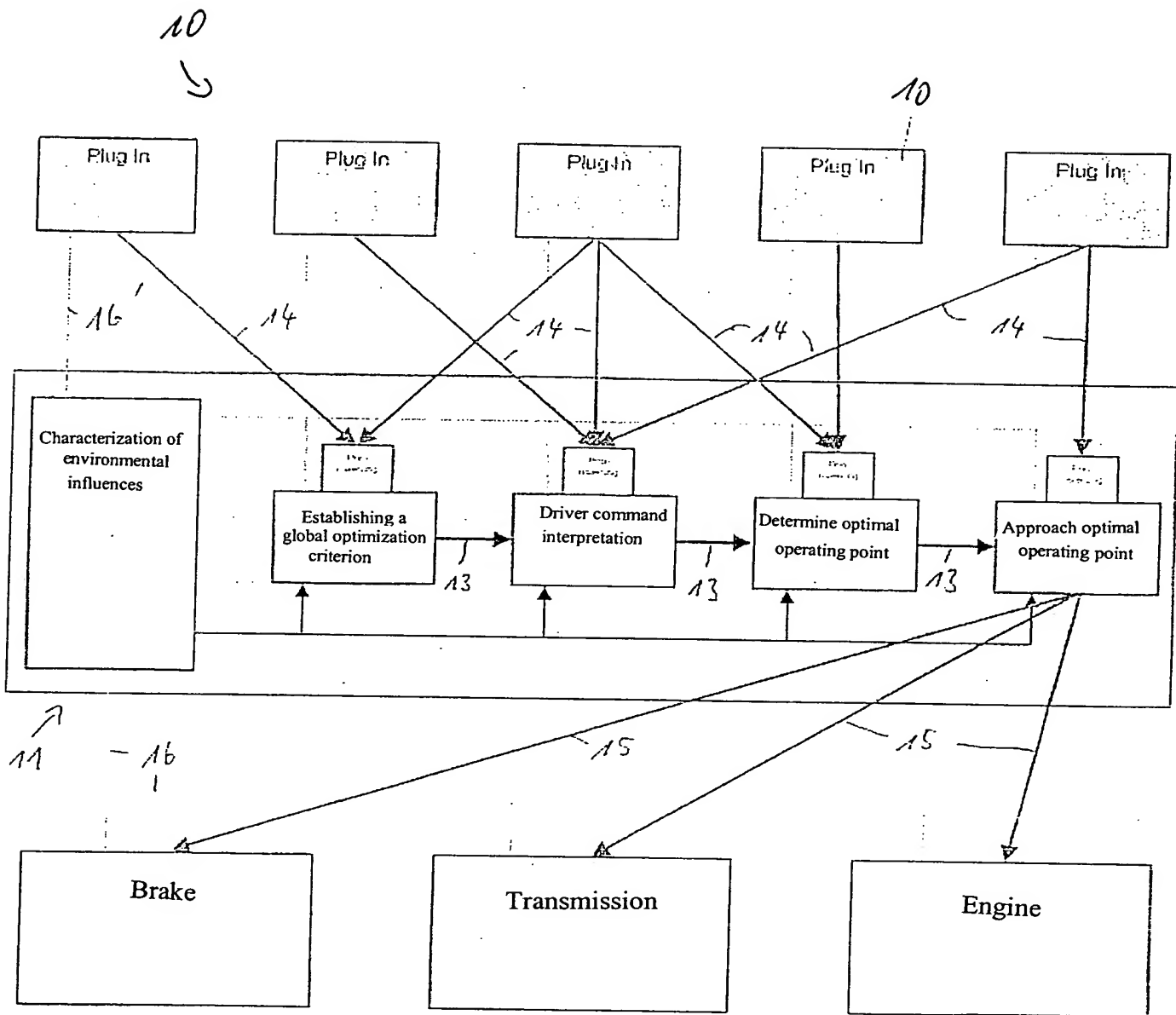


Fig. 11

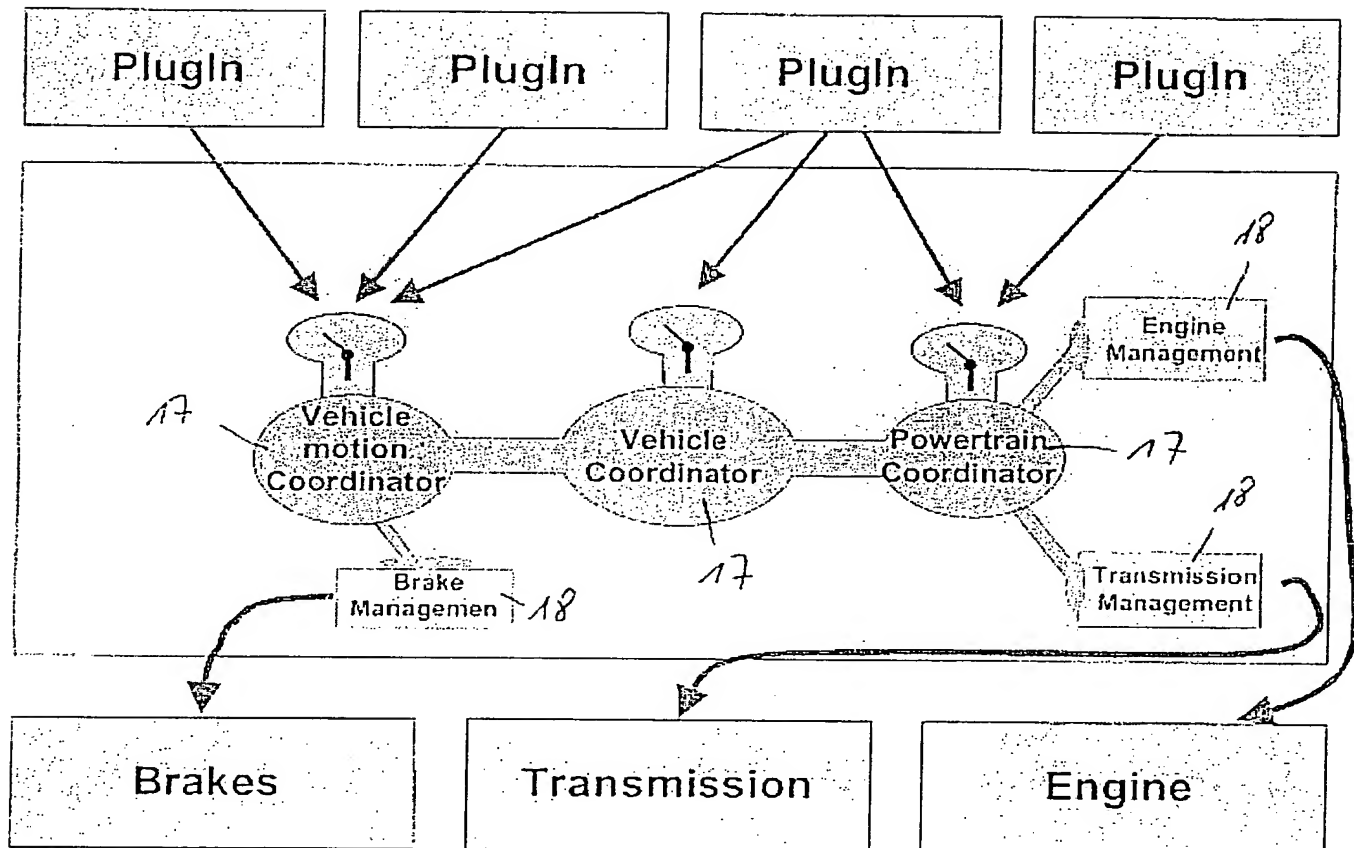


Fig. 12

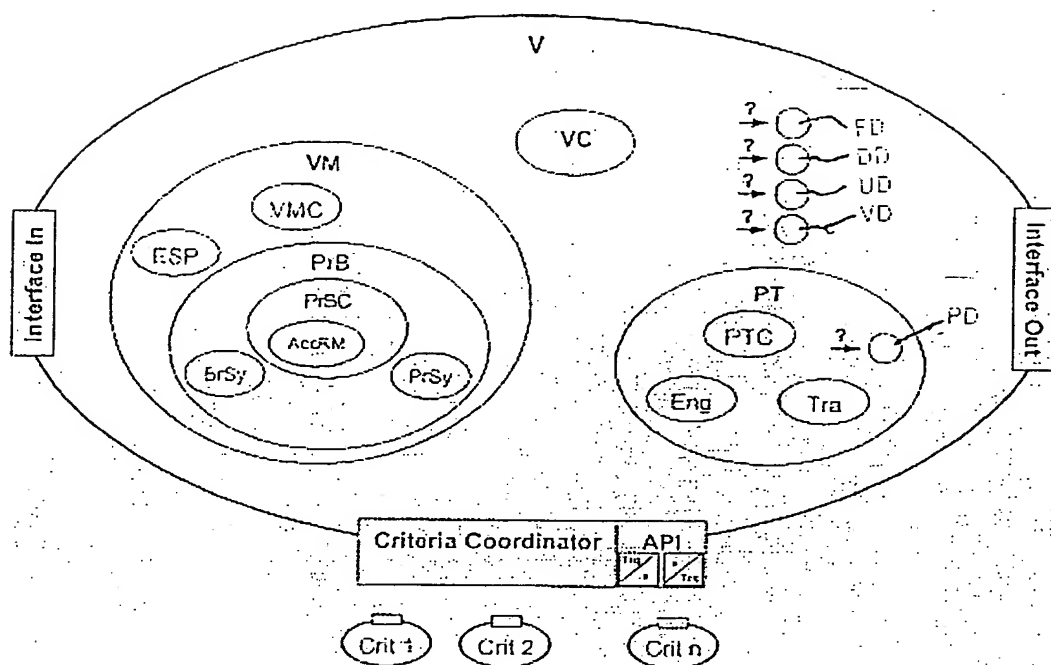


Fig. 13

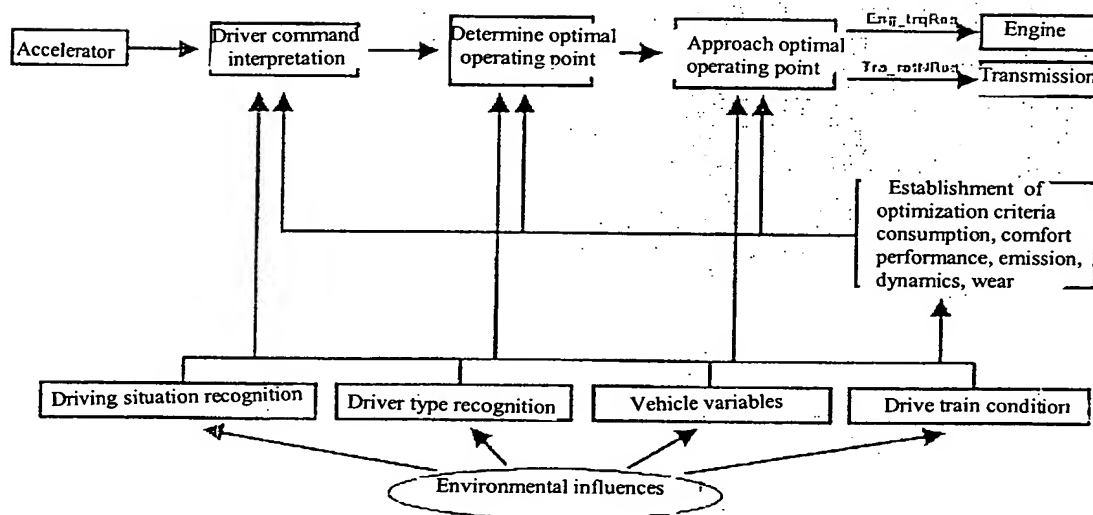


Fig. 14

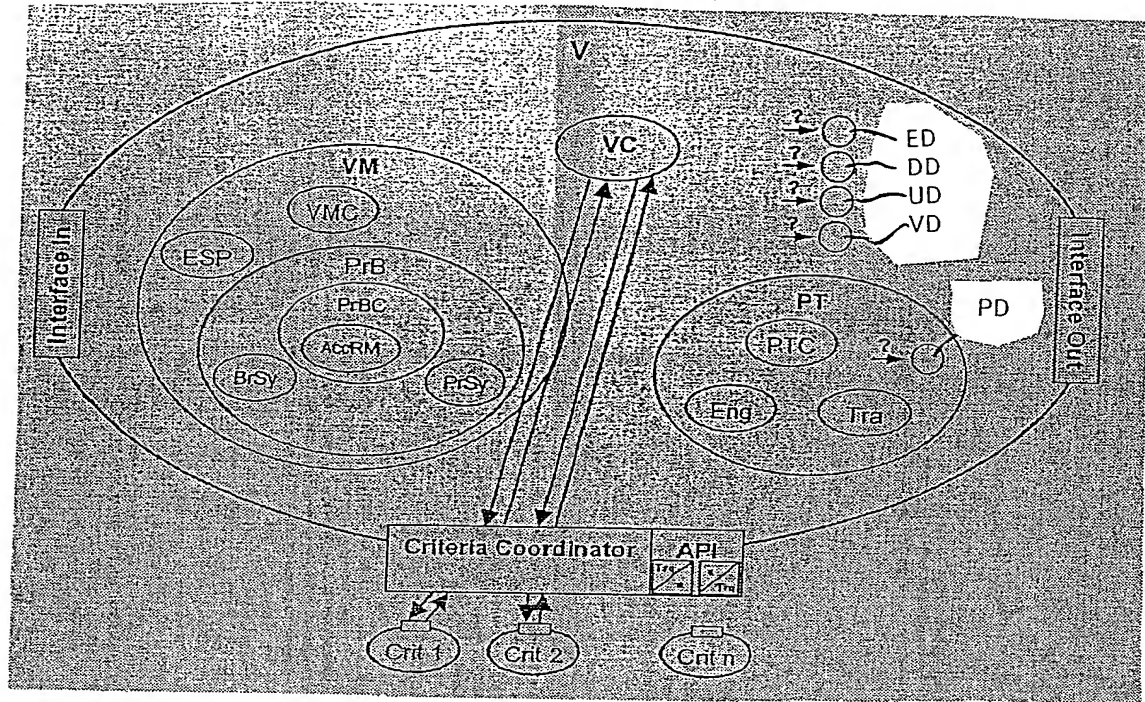


Fig. 15

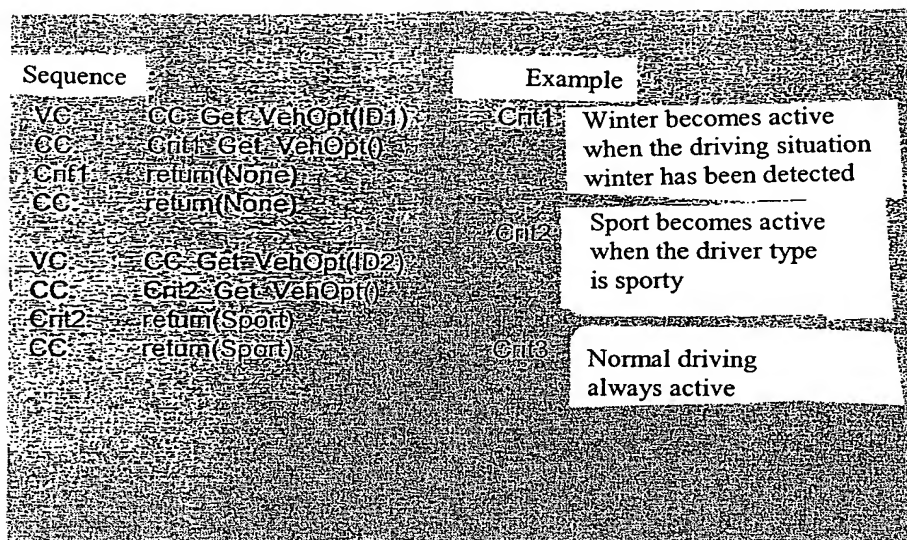


Fig. 16

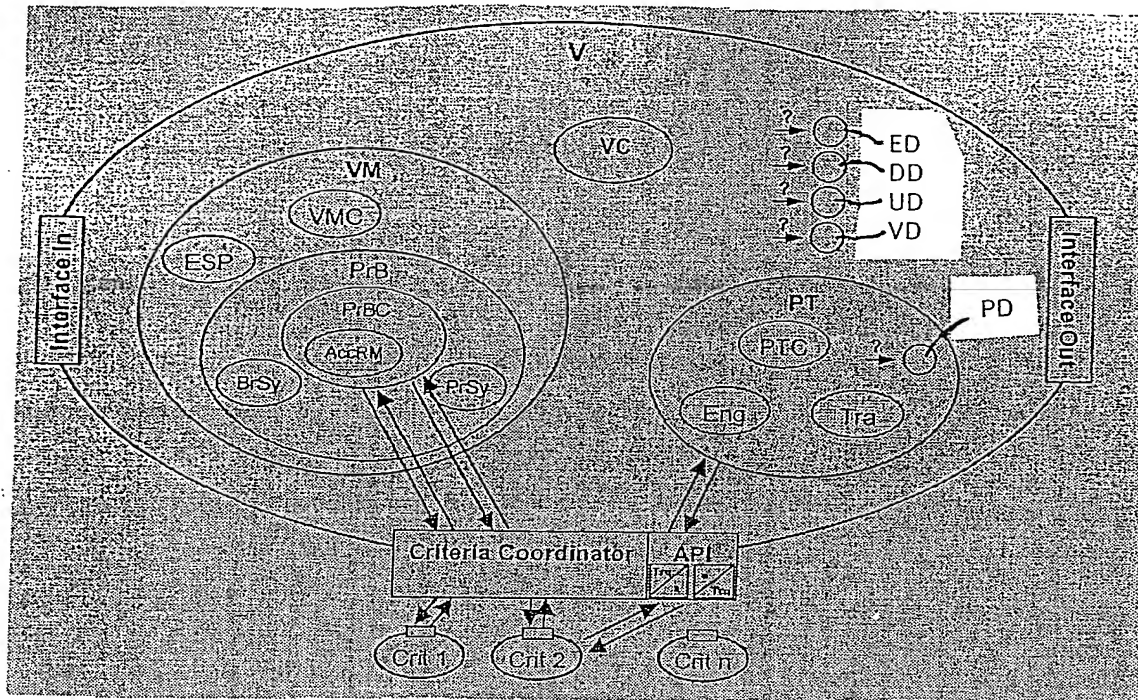


Fig. 17

Sequence	Example
PrBC: CC: GetDriveProp(ID1)	Crit1: FGR requests setpoint
CC: Crit1: GetDriveProp()	acceleration when FGR
Crit1: return(1.1 m/s ²)	is active
CC: return(1.1 m/s ²)	
PrBC: AccRM: Calc(1.1 m/s ²)	Crit2: Acceleration pedal,
AccRM: return(160 Nm, 0 m/s ²)	accelerator pedal
	interpretation as
	acceleration
PrBC: CC: GetDriveProp(ID2)	Crit3: Standard, accelerator
CC: Crit2: GetDriveProp()	interpretation as torque
Crit2: API: GetTra(1.2 m/s ²)	
API: PT: GetTra(1.2 m/s ²)	
PT: return(170 Nm)	
API: return(170 Nm)	
Crit2: return(170 Nm, 0 m/s ²)	
CC: return(170 Nm, 0 m/s ²)	

Fig. 18

Interface :

Call- up: Crit_Get_DriveProp()
Return: Total acceleration a_{sum} or propulsion torque $M_{propulsion}$ and braking acceleration a_{brake} and in addition request type

- 0 = Inactive, no request
- 1 = Request is made up of $M_{propulsion}$ and a_{brake}
- 2 = Request is a_{sum}

Fig. 19

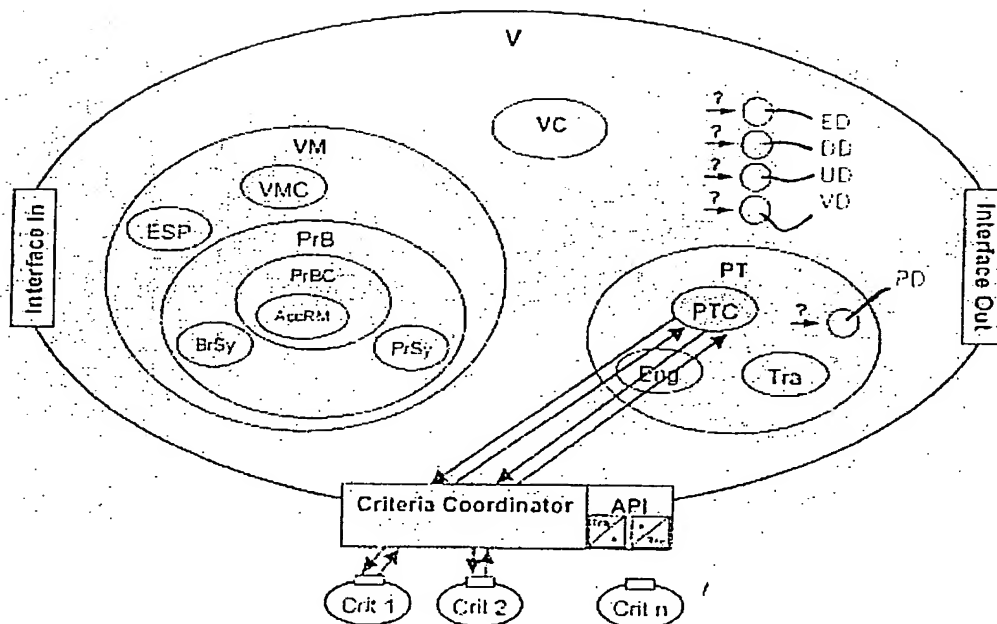


Fig. 20

Sequence :

PTC: CC_Get_OpPointProp(ID1, 180 Nm)
CC: Crit1_Get_OpPointProp(180 Nm)
Crit1: return(None)
CC: return(None)

PTC: CC_Get_OpPointProp(ID2, 180 Nm)
CC: Crit2_Get_OpPointProp(180 Nm)
Crit2: return(120 Nm, 0.665)
CC: return(120 Nm, 0.665)

Example :

- Crit1: Sport requests an operating point having a high torques reserve
Crit2: Hill requests an operating point having higher rotary engine speed when the driving situation is active
Crit3: Eco requests a particularly fuel-saving operating point

Fig. 21

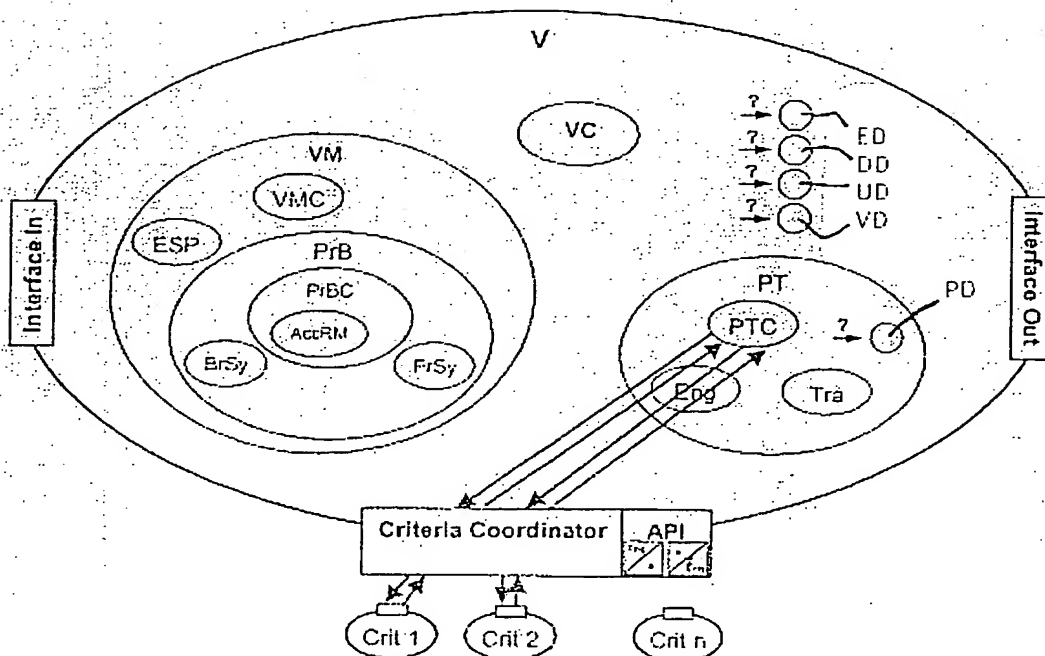


Fig. 22

Sequence :

PTC: CC_Get_OpPointGrad(ID1)
CC: Crit1_Get_OpPointGrad()
Crit1: return(None)
CC: return(None)

PTC: CC_Get_OpPointGrad(ID2)
CC: Crit2_Get_OpPointGrad()
Crit2: return(None)
CC: return(None)

Example :

Crit1: Curve, prevents a change in the drive train condition in borderline situations

Crit2: Winter, prevents rapid wheel torque discontinuities on a slippery roadway

Crit3: Downhill, prevents too great transmission ratios for utilization of engine-draw torque

Fig. 23

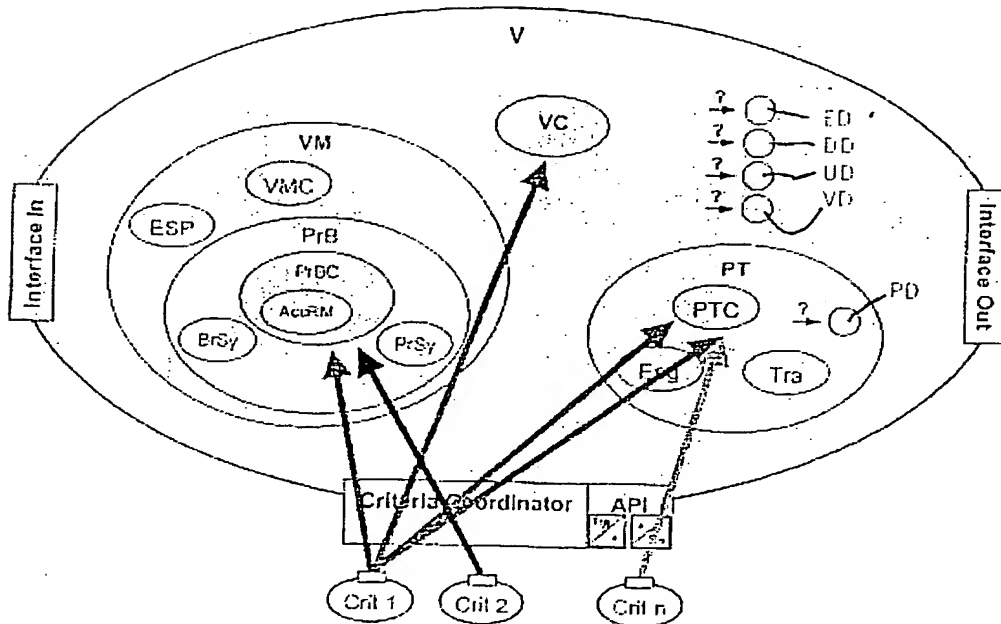


Fig. 24

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☒ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.